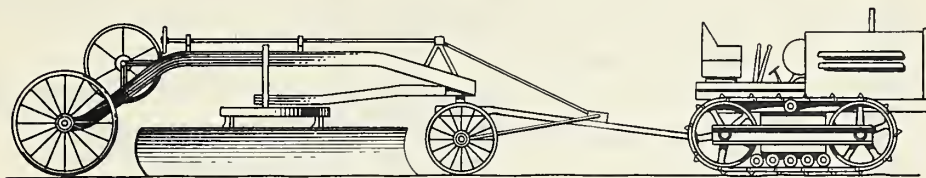


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Do not assume content reflects current scientific knowledge, policies, or practices.

CONSTRUCTION



HINTS

UNITED STATES DEPARTMENT OF AGRICULTURE, FOREST SERVICE
WASHINGTON, D. C.

Vol. 2

September 5, 1936

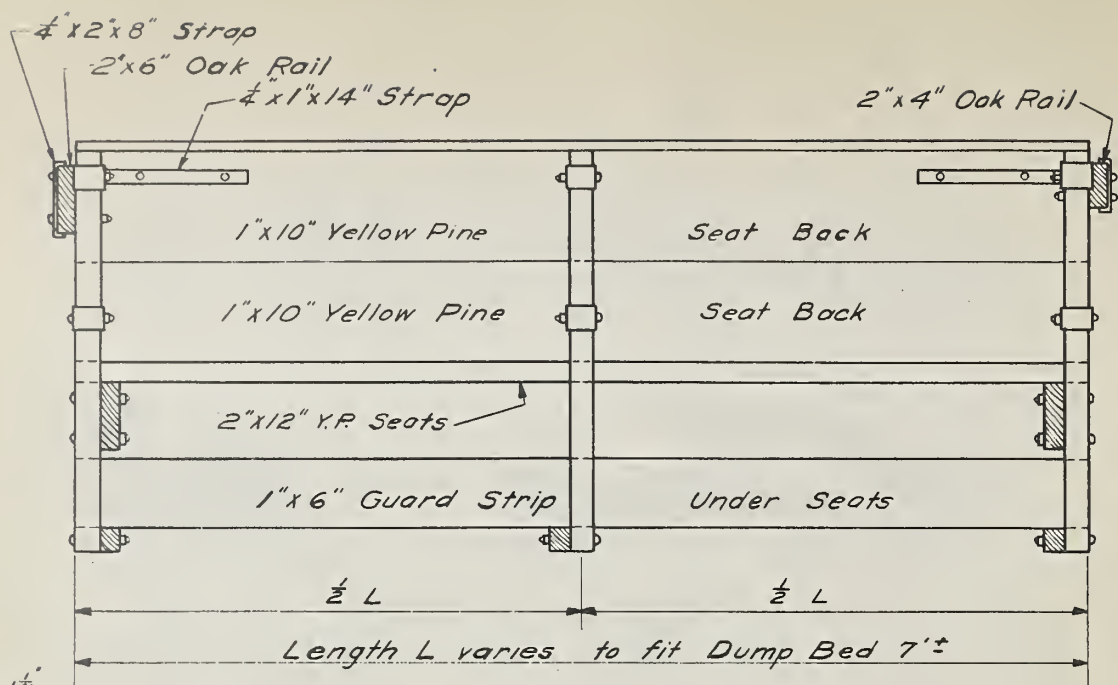
No. 16

MARKING TOOLS

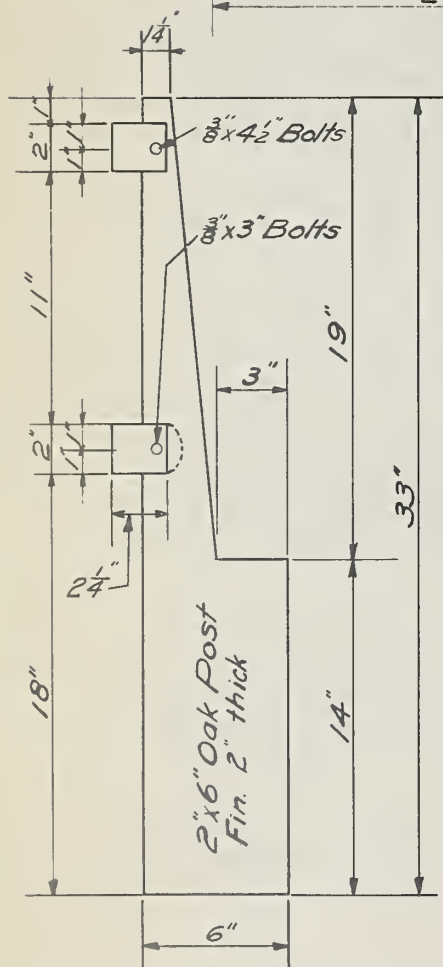
Submitted by H. W. Hundley, Chief Foreman,
Kisatchie National Forest.

Difficulty is frequently experienced in marking wrenches and tools made of Vanadium and other tough steels. The steel in tools is usually harder than that of a marking die. This difficulty has been surmounted in one of the camps of the Kisatchie National Forest electrolytically.

To the terminals of a "hot" automotive battery are attached two lead wires of any convenient length. Five or six feet of incandescent lamp cord will suffice. To one of these wires is attached, by its terminal, the carbon electrode of a discarded telephone dry cell; the electrode previously having been pointed to resemble a pencil. A wood rasp will point the carbon nicely. One wire from the battery is used to ground the object to be marked. The carbon is then used as a pencil and any desired lettering may be permanently burned into the wrench or tool.



SIDE VIEW

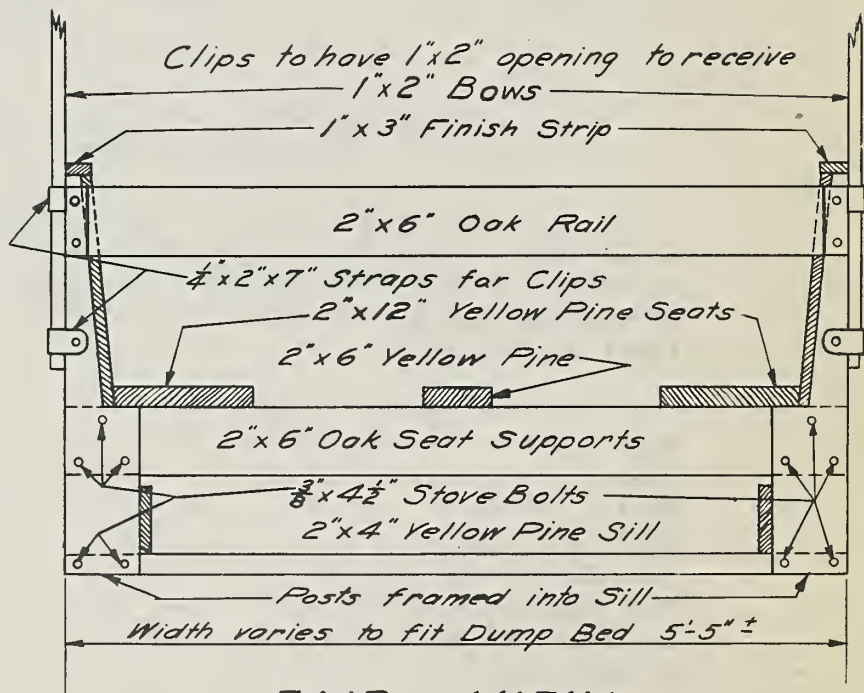


POST DETAIL

Scale $1\frac{1}{2}'' = 1'$

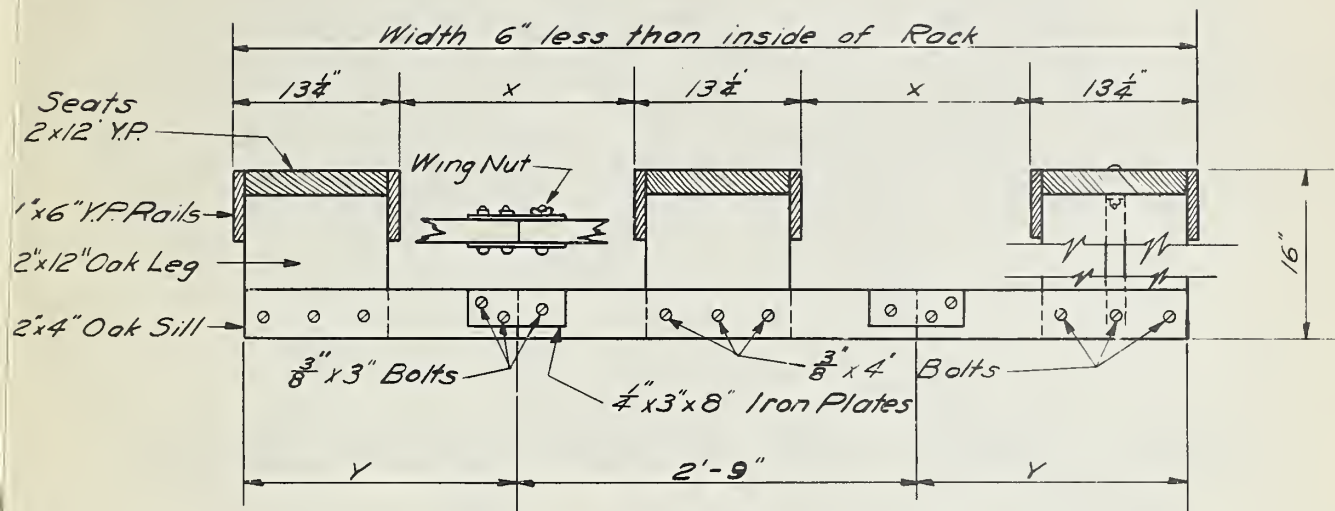
NOTE

Top Clips to be mortised into top rail of seat
and held by upper bolt in rail.
Seats & Seat Backs fastened to frame by Screws

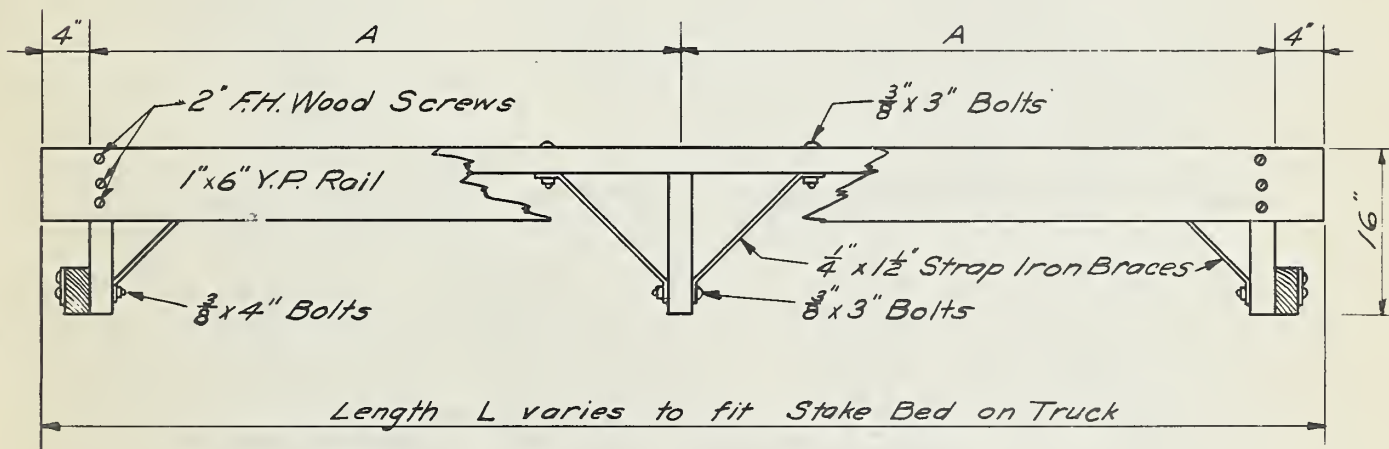


END VIEW

ALLEGHENY NATIONAL FOREST
DESIGN OF TRUCK SEATS
DUMP BODY TRUCK
Scale $\frac{3}{4}'' = 1'$ June 1936



END VIEW



SIDE VIEW

NOTE

Dimension $A = \frac{1}{2} L - 4"$ and will vary to fit the truck body.

Wing Nuts to permit seats to be easily taken apart

ALLEGHENY NATIONAL FOREST
DESIGN OF TRUCK SEATS
STAKE BODY TRUCK

Scale $\frac{3}{4} = 1'$

June 1936

DUMP TRUCK SEATS

2 pcs. 2"x6"x9' S4S Sq.E.&S. Oak (Fin. 2" Thick)	1 pc. $\frac{1}{4}$ " x 1" x 56" Flat Iron Strap
3 pcs. 2"x6"x6' S4S Sq.E.&S. Oak	1 pc. $\frac{1}{4}$ " x 2" x 112" Flat Iron Strap
1 pc. 2"x6"x6' S4S Sq.E.&S. Oak	32 $\frac{3}{8}$ " x 4 $\frac{1}{2}$ " long R.H. Stove Bolts
4 pcs. 1"x10"x7' S4S #1 Com. Y.P.	8 $\frac{3}{8}$ " x 3" long R.H. Stove Bolts
2 pcs. 1"x6"x7' S4S #1 Com. Y.P.	8 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " long R.H. Stove Bolts
3 pcs. 1"x3"x7' S4S #1 Com. Y.P.	30 #12-3" F.H. Wood Screws
2 pcs. 2"x12"x7' S4S #1 Com. Y.P.	80 #10-2" F.H. Wood Screws
1 pc. 2"x6"x7' S4S #1 Com. Y.P.	52 $\frac{3}{8}$ " W.I. Washers
2 pcs. 2"x4"x6' S4S #1 Com. Y.P.	8 $\frac{1}{4}$ " W.I. Washers

SHORT WHEEL-BASE STAKE TRUCK SEATS

6 pcs. 1"x6"x10' S4S #1 Com. Y.P.	12 pcs. $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " x 21" Flat Iron Straps
3 pcs. 2"x12"x10' S4S #1 Com. Y.P.	8 pcs. $\frac{1}{4}$ " x 3" x 8" Flat Iron Plates
1 pc. 2"x12"x12' S4S Sq.E.&S. Oak	18 $\frac{3}{8}$ " x 4" R.H. Stove Bolts
2 pcs. 2"x4"x7' S4S Sq.E.&S. Oak	24 $\frac{3}{8}$ " x 3" R.H. Stove Bolts
30 #12-3" F.H. Wood Screws	4 $\frac{3}{8}$ " x 3" R.H. Stove Bolts
54 #10-2" F.H. Wood Screws	with Wing Nuts
	40 $\frac{3}{8}$ " W.I. Washers

LONG WHEEL-BASE STAKE TRUCK SEATS

6 pcs. 1"x6"x12' S4S #1 Com. Y.P.	8 pcs. $\frac{1}{4}$ " x 3" x 8" Flat Iron Plates
3 pcs. 2"x12"x12' S4S #1 Com. Y.P.	12 pcs. $\frac{1}{4}$ " x 1 $\frac{1}{2}$ " x 21" Flat Iron Straps
1 pc. 2"x12"x12' S4S Sq.E.&S. Oak	18 $\frac{3}{8}$ " x 4" long R.H. Stove Bolts
2 pcs. 2"x4"x7' S4S Sq.E.&S. Oak	24 $\frac{3}{8}$ " x 3" long R.H. Stove Bolts
30 #12-3" F.H. Wood Screws	4 $\frac{3}{8}$ " x 3" long R.H. Stove Bolts
54 10-2" F.H. Wood Screws	with Wing Nuts
	40 $\frac{3}{8}$ " W.I. Washers

ALLEGHENY NATIONAL FOREST
DESIGN of TRUCK SEATS
MATERIAL LISTS

June 1936